Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

WHAT IS CLAIMED IS:

- 1. (presently amended) A compound comprising i) three or more dienophile groups (A-functional groups) and ii) a single ring structure comprising two conjugated carbon-to-carbon double bonds and a leaving group L (collectively referred to as a B-functional group), characterized in that one each of the A-functional groupsgroup of one molecule of the compound areis capable of reaction under cycloaddition reaction conditions with the B-functional group of a second molecule and elimination of the leaving group L, to thereby form a polymer.
 - 2. (original) A compound according to claim 1 corresponding to the formula,

wherein L is -O-, -S-, -N=N-, -(CO)-, -(SO₂)-, or -O(CO)-;

Z is independently in each occurrence -W-($C\equiv C$ -Q)_q, hydrogen, halogen, an unsubstituted or inertly substituted aromatic group, an unsubstituted or inertly substituted alkyl group, or two adjacent Z groups together with the carbons to which they are attached form a fused aromatic ring;

W is an unsubstituted or inertly substituted C₆₋₂₀ aromatic group,

Q is hydrogen, an unsubstituted or inertly substituted C_{6-20} aryl group, or an unsubstituted or inertly substituted C_{1-20} alkyl group;

q independently each occurrence is an integer from 1 to 3; and the number of Z substituents and q are selected to provide a total of from 3 to 10 -C = C - Q groups.

3. (original) A compound according to claim 1 corresponding to the formula:

wherein R^1 is hydrogen, C_{6-20} aryl or inertly substituted aryl;

q is a number from 1 to 3;

r is a number from 0 to 3;

u is 0 or 1;

v is a number from 1 to 3;

s and t are numbers from 1 to 4, and $(v \cdot s) + (q \cdot t)$ is a number greater than or equal to 3; and r+s+t=4.

4. (original) A compound according to claim 1 corresponding to the formula:

$$C = C \qquad O \qquad (C = C \qquad Q' \quad O)$$

$$C = C \qquad O \qquad (C = C \qquad Q'' \quad O)$$

where q' is a number from 2 to 3 and q" is a number from 1 to 3.

- 5. (original) A compound according to claim 1 selected from the group consisting of:
- 2-(4-phenylethynylphenyl)-3,4-di((4-phenylethynyl)-4-phenoxyphenyl)-5-phenyl-2,4-cyclopentadienone,
- 2,5-di-(4-phenylethynylphenyl)-3,4-di((4-phenylethynyl)-4-phenoxyphenyl)-2,4-cyclopentadienone,
- 2,3,4-tri-(4-phenylethynylphenyl)-5-phenyl-2,4-cyclopentadienone,
- 2,3,4,5-tetrakis-(4-phenylethynylphenyl)-2,4-cyclopentadienone,

- 2,5-bis-(3,5-di(phenylethynyl)phenyl)-3,4-bis[4-(4-phenylethynyl)phenoxyphenyl]-2,4-cyclopentadienone,
- 2,5-bis-(3,5-di(phenylethynyl)phenyl)-3,4-bis[4-(4-phenylethynyl)phenyl]-2,4-cyclopentadienone,
- 2,5-diphenyl-3-[4-(2,4,6-tris(phenylethynyl)phenoxy)phenyl]-5-(3,5-bis(phenylethynyl)phenyl)-2,4-cyclopentadienone, and
- 2,5-diphenyl-3-[4-(4-(phenylethynyl)phenoxy)phenyl]-5-(3,5-bis(phenylethynyl)phenyl)-2,4-cyclopentadienone.
- 6. (currently amended) A spin-coatable, curable composition comprising a monomer according to <u>claim 1</u>, a <u>b-staged oligomer formed from the monomer of claim 1</u>, or <u>a combination of such monomer and oligomer</u>, <u>any one of claims 1 5</u>, <u>and</u> an optional solvent, <u>and an optional pore forming material</u>.
- 7. (currently amended) A method of forming an insulating film on an electrical device comprising coating the device with a composition according to claim 6, removing the optional solvent, and curing the monomer, oligomer, or combination thereof, and optionally removing the optional pore forming material.
- 8. (original) An electrical device comprising an insulating film prepared according to claim 7.
- 9. (new) The composition of claim 6 further comprising a pore forming material.
- 10. (new) A method of forming an insulating film on an electrical device comprising coating the device with a composition according to claim 9, removing the solvent, and curing the monomer, oligomer, or combination thereof, and removing the pore forming material.
- 11. (new) An electrical device comprising an insulating film prepared according to claim 10.